| ex of Clai | |
|----------------|--|
| | |

| Ap | pli | catio | n/Con | trol | No. |
|----|-----|-------|-------|------|-----|
|----|-----|-------|-------|------|-----|

10/673,488

Examiner

Nelson Yang

Applicant(s)/Patent under Reexamination

SUDO, YUKIO

Art Unit

1641

| V | Rejected |
|----------|----------|
| = | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | <u> </u> | | | |] | | <u> </u> | L | | |
|----------------|--|----------|--|--------------|----------|--------------|--------------|--|--------------|----------|--|--|
| | | Deta | | | | | | | | | | |
| Cla | | ├ | | _ | | Dat | 드 | _ | _ | \vdash | | |
| Final | Original | 90/02/9 | | | | | | | | | | |
| | 1 | + | | | <u> </u> | <u> </u> | | | <u> </u> | | | |
| | 2 | + | \vdash | Т | ┢ | _ | _ | | _ | М | | |
| | 3 | + | | Г | \vdash | | | | \vdash | М | | |
| | 4 | + | i | \vdash | T | | <u> </u> | | | | | |
| | 1 2 3 4 5 | + | Г | Г | Τ | | | Т | | П | | |
| | 6 | + | | Г | | | | | | | | |
| | 6 7 | + | | | | | | | | | | |
| | 8 | + | | | _ | | | | | | | |
| | 9 | + | | | <u> </u> | _ | _ | | L | L | | |
| | 10 | + | | | _ | L | _ | _ | | <u> </u> | | |
| | 11 | + | | | _ | _ | <u> </u> | _ | | - | | |
| | 12 | + | | - | | _ | | _ | | Н | | |
| | 14 | + | | \vdash | \vdash | \vdash | \vdash | | | | | |
| | 15 | + | | - | | ┢ | | | | Н | | |
| | 16 | + | _ | 1 | - | | | \vdash | _ | | | |
| | 17 | + | | | | | | | | | | |
| | 18 | + | | | | | | | | | | |
| | 19 | | | | | | | | | | | |
| | 20 | | | | | | | | | | | |
| | 21 | | _ | | | _ | | | $oxed{oxed}$ | | | |
| <u> </u> | 22 | _ | <u> </u> | <u> </u> | | _ | | | | | | |
| <u> </u> | 23 | | ├— | ├— | | | ┝ | _ | _ | \vdash | | |
| <u></u> | 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 | ⊢ | | | ├─ | - | | - | | Н | | |
| | 26 | - | | | - | - | | - | - | | | |
| | 27 | | | - | _ | | | | | | | |
| | 28 | | | | | | | | | | | |
| | 29 | | | | | | | | | | | |
| | 30 31 | | | | | | | | | | | |
| | 31 | | | | | | | | | | | |
| | 32 33 | | | | _ | _ | ļ | | | \Box | | |
| <u> </u> | 33 | _ | _ | ļ | ļ | <u> </u> | <u> </u> | ļ | | | | |
| <u> </u> | 34 | | <u> </u> | | | ⊢ | ┝ | ļ. | _ | Н | | |
| | 35 36 37 | _ | | | \vdash | ┢ | \vdash | <u> </u> | | Н | | |
| | 37 | _ | | | ┢ | ┝ | | | _ | Н | | |
| | 38 | | <u> </u> | | | | \vdash | | | _ | | |
| | 38 39 | | | | | | | | | | | |
| | 40 | | | | | | | | | | | |
| | 41 | | | | | | | | | | | |
| L | 42 | | | <u> </u> | _ | L | | L | L. | Ш | | |
| <u> </u> | 43 | \vdash | _ | \vdash | <u> </u> | _ | _ | <u> </u> | | Щ | | |
| <u> </u> | 44 45 | _ | _ | \vdash | <u> </u> | - | <u> </u> | <u> </u> | | Н | | |
| | 45 46 | H | H | - | <u> </u> | H | - | | \vdash | Н | | |
| - | 47 | - | - | \vdash | \vdash | \vdash | | ├ | Η. | Н | | |
| - | 48 | - | - | \vdash | \vdash | | \vdash | Ι | | Н | | |
| | 49 | Н | Н | \vdash | | | \vdash | | | Н | | |
| | 50 | Т | \vdash | \vdash | Ι | \vdash | _ | \vdash | | Н | | |

| Cla | aim | | | | Date | € | | | |
|-------|----------|-------|---|---|----------|----------|---|---|---|
| Final | Original | | | | | | | | |
| | 51 | _ | | | | \vdash | _ | | |
| | 52 | Т | | Г | | | | | |
| | 53 | | | Т | | | | _ | |
| | 54 | | | | _ | | | | |
| | 55 | | | | | | | | |
| | 56 | | | | | | | | |
| | 57 | | | | | | | | |
| | 58 | | | | | | | | |
| | 59 | | | | | | | | |
| | 60 | | | | | | | | |
| | 61 | | | | | | | | |
| | 62 | | | | | | | | |
| | 63 | | | | | | _ | | |
| | 64 | | | | | | | | |
| | 65 | | | | | | | | |
| | 66 | | | | | | | | |
| | 67 | | | | | | | | |
| | 68 | | | | | | | | |
| | 69 | | | | | | | | |
| | 70 | | | | <u> </u> | <u> </u> | | | |
| | 71 | | | | | | | | |
| | 72 | | | | ļ | | | | |
| | 73 74 | | | _ | \vdash | - | _ | | |
| | 75 | _ | - | _ | \vdash | - | | | |
| | 76 | - | — | _ | \vdash | | | | |
| | 77 | | _ | _ | - | | _ | - | |
| | 78 | | | | | - | | | _ |
| | 79 | | | | | | | | _ |
| | 80 | _ | | | | | | | |
| | 81 | | | | | | | | |
| | 82 | | | | | | | | |
| | 83 | | | | | | | | |
| | 84 | | | | | | | | |
| | 85 | | | | | | | | |
| | 86 | | | | | | | | |
| | 87 | | | | | | | | |
| | 88 | | | | | | | | |
| | 89 | | | | | _ | | | _ |
| | 90 91 | | _ | | _ | _ | | | _ |
| | 92 | _ | _ | - | - | - | _ | | |
| | 93 | | | _ | _ | _ | _ | | |
| | 94 | _ | | | | _ | | | - |
| | 95 | | | | | _ | | | _ |
| | 96 | | _ | | | \vdash | | _ | _ |
| | 97 | | | | | | | | Н |
| _ | 98 | _ | | | | | | | |
| | 99 | | | | | | | | |
| | 100 | | | | | | | | |

| Cli | aim | Date | | | | | | | | |
|----------|-------------------|----------|----------|--------------|--------------|--------------|--------------|----------|----------|-----------------|
| | | | | | | Γ | Г | | | П |
| Final | Original | | | | | | | | | |
| | 101 | | | | | Γ | Γ | | | П |
| | 101 102 | Г | | | | | | | | П |
| | 103 | | | | | | | | | П |
| | 104 | | | | | | | | | |
| | 104 105 | | | | | | | | | П |
| | 106 | | | | | Г | | | | |
| | 107 | | | | | | | | | |
| | 108 | | | | | | | | | |
| | 109 | | | | | <u> </u> | | | | |
| | 110 | | | | | | | | | |
| | 111 | | | | | | | | | |
| | 112 | | | <u> </u> | | | | | | Ш |
| | 112 113 | | L | | L | | L | ــــــا | | |
| | 114 115 116 | | | | | | | | | Ш |
| | 115 | | | L_ | | <u> </u> | _ | | | Ш |
| | 116 | Ш | | <u> </u> | | | | L | L | Ш |
| | 117 | | | | | | L_ | | | |
| | 118 | | | <u> </u> | | _ | | | | Ш |
| | 119 | | | <u> </u> | | <u> </u> | | | | Ш |
| | 120 | | | <u> </u> | | <u> </u> | | | | |
| | 120 121 122 | | _ | | | | | | | \Box |
| | 122 | | | | | | L | | | Ш |
| | 123 124 125 | _ | _ | _ | | | | | | |
| | 124 | | | <u> </u> | | | | | | Щ |
| | 125 | | | | | | | | | Щ |
| | 126 127 | | | | | | | | | |
| | 127 | | | | | | _ | | | Щ |
| | 128 129 | | | <u> </u> | | | | | | Ш |
| | 129 | | | _ | | | _ | | | Щ |
| | 130 | | | | | <u> </u> | <u> </u> | | | Щ |
| | 131 132 | | _ | _ | | L | _ | | | Ш |
| | 132 | | _ | | | _ | | _ | | Щ |
| | 133 | | | <u> </u> | | <u> </u> | <u> </u> | | L | Щ |
| | 134 135 | H | | \vdash | | ⊢ | <u> </u> | <u> </u> | <u> </u> | \sqcup |
| | 135 | H | | \vdash | | <u> </u> | <u> </u> | <u> </u> | \vdash | $\vdash \vdash$ |
| | 136 | <u> </u> | - | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Н |
| | 137 | \vdash | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | | $\vdash \vdash$ |
| | 138 | \vdash | | <u> </u> | | - | - | <u> </u> | _ | Н |
| | 139 140 | Н | \vdash | <u> </u> | | | \vdash | - | | Н |
| | | \vdash | | \vdash | | \vdash | \vdash | - | | \vdash |
| | 141 142 | \vdash | H | | L | <u> </u> | ├ | H | <u> </u> | $\vdash \vdash$ |
| <u> </u> | | \vdash | | \vdash | - | ├— | - | <u> </u> | | Н |
| | 143 | H | <u> </u> | | - | - | \vdash | <u> </u> | _ | $\vdash\vdash$ |
| | 144 145 | | - | ├- | - | ├- | \vdash | \vdash | - | Н |
| | 145 | \vdash | - | - | - | - | | \vdash | <u> </u> | $\vdash\vdash$ |
| | 146 | <u> </u> | — | | | ├ | <u> </u> | \vdash | <u> </u> | Н |
| | 147 | | <u> </u> | ├- | | ├ | ├ | - | \vdash | $\vdash \vdash$ |
| | 148 | \vdash | | - | <u> </u> | ├ | | <u> </u> | ⊢ | $\vdash \vdash$ |
| | | <u> </u> | — | \vdash | <u> </u> | \vdash | - | ⊢ | | Н |
| | 150 | | | l | | | ı | | ı | ı i |